APPENDIX B

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46. (Amended) A method of controlling audio/video devices, comprising:

selecting a first source from among inputs including at least two of a computer file, a computer data connection, a digitally encoded disc player, a radio tuner, a television audio decoder, an MPEG decoder, a S/PDIF input, a microphone, an external video signal and an external audio signal;

based at least in part on the selection of the first source, selecting a first output for the first source from among outputs including a computer mass storage device and at least one of speakers, headphones, an audio tape device, and a video tape device; and

routing the first source to the first output.

47. (Amended) A method as recited in claim 46, further comprising:

selecting a second source of input from among the inputs not selected as the first source;

selecting a second output from among the outputs not selected for the first output; and

routing the second source to the second output.

48. (Amended) A method as recited in claim 46, further comprising:

selecting a second source of input from among the inputs not selected as the first source; and

mixing the first and second sources of input prior to routing both to the first output.

49. (Amended) A method as recited in claim 46, further comprising:

selecting up to three additional sources of input;

determining amount of mixing of the first source and the three additional sources; and

routing the first source and the three additional sources to the first output and up to three additional outputs with the amount of mixing previously determined.

50. (Amended) A method as recited in claim 46,

wherein said selecting selects an audio only source as the first source,

wherein said routing routes the first source to said speakers, and

wherein said method further comprises routing a video signal from a video source to a video output device simultaneously with said routing of the first source to said speakers.

51. (Amended) An apparatus controlling audio/video devices, comprising:

a source selection circuit to select a first source from among inputs including at least two of a computer file, a computer data connection, a digitally encoded disc player,

a radio tuner, a television audio decoder, an MPEG decoder, a S/PDIF input, a microphone, an external video signal and an external audio signal;

an output selection circuit, responsive to the selection of the first source, to select a first output for the first source from among outputs including a computer mass storage device and at least one of speakers, headphones, an audio tape device, and a video tape device; and

a multiplexer circuit to route the first source to the first output.

55. (New) An apparatus as recited in claim 51, wherein each input has an associated default output, and wherein the output selection circuit is operative to select the default output associated with the first source.

56. (New) An apparatus as recited in claim 51, further comprising:

a playback preference database associating playback preferences with recording identifiers;

wherein the output selection circuit is operative to obtain a recording identifier corresponding to the first source, and to select the first output using previously stored preferences from the playback preference database.

57. (New) An apparatus as recited in claim 51, wherein the outputs further include a video display.

58. (New) A method of controlling audio/video devices, comprising:

selecting a first source from among available sources, wherein the available sources include at least two of a computer file, a computer data connection, a digitally encoded disc player, a radio tuner, a television audio decoder, an MPEG decoder, a S/PDIF input, a microphone, an external video signal and an external audio signal;

based on the selection of the first source, selecting a first output from among available outputs, where the available outputs include a computer mass storage device and at least one of speakers, headphones, an audio tape device, and a video tape device; and

routing the first source to the first output.

59. (New) A method as recited in claim 58, wherein each available input has an associated default output, and wherein the selected first output is the default output of the selected first source.

60. (New) A method as recited in claim 58, further comprising:

obtaining a recording identifier corresponding to the first source; and

comparing the recording identifier with previously stored identifiers in a playback preference database;

wherein the first output is selected for the first source using previously stored preferences.

61. (New) A method as recited in claim 58, wherein the available outputs further include a video display.

62. (New) A method as recited in claim 58, further comprising:

selecting a second source from among the available sources not selected as the first source;

based on the selection of the second source, selecting a second output from among the available outputs not selected for the first output; and

routing the second source to the second output.

63. (New) A method as recited in claim 62, wherein the second source is routed to the second output during the time when the first source is routed to the first output.

64. (New) A method as recited in claim 62, wherein each available input has an associated default output, and wherein the selected first output is the default output of the selected first source, and the selected first output is the default output of the selected second source.

65. (New) A method as recited in claim 62, further comprising:

obtaining a recording identifier corresponding to the first source; and

comparing the recording identifier with previously stored identifiers in a playback preference database;

wherein the first output is selected for the first source using previously stored preferences.

66. (New) A method as recited in claim 62, further comprising:

obtaining a recording identifier corresponding to the second source; and

comparing the recording identifier with previously stored identifiers in a playback preference database;

wherein the second output is selected for the second source using previously stored preferences.

67. (New) A method as recited in claim 47, wherein the second source is routed to the second output during the time when the first source is routed to the first output.

68. (New) A method of controlling audio/video devices, comprising:

selecting a first source from among inputs including at least two of a computer file, a computer data connection, a digitally encoded disc player, a radio tuner, a television audio decoder, an MPEG decoder, a S/PDIF input, a microphone, an external video signal and an external audio signal;

selecting a first output for the first source from among outputs including a computer mass storage device and at least one of speakers, headphones, an audio tape device, and a video tape device;

routing the first source to the first output

selecting up to three additional sources of input;

determining amount of mixing of the first source and the three additional sources; and

routing the first source and the three additional sources to the first output and up to three additional outputs with the amount of mixing previously determined.